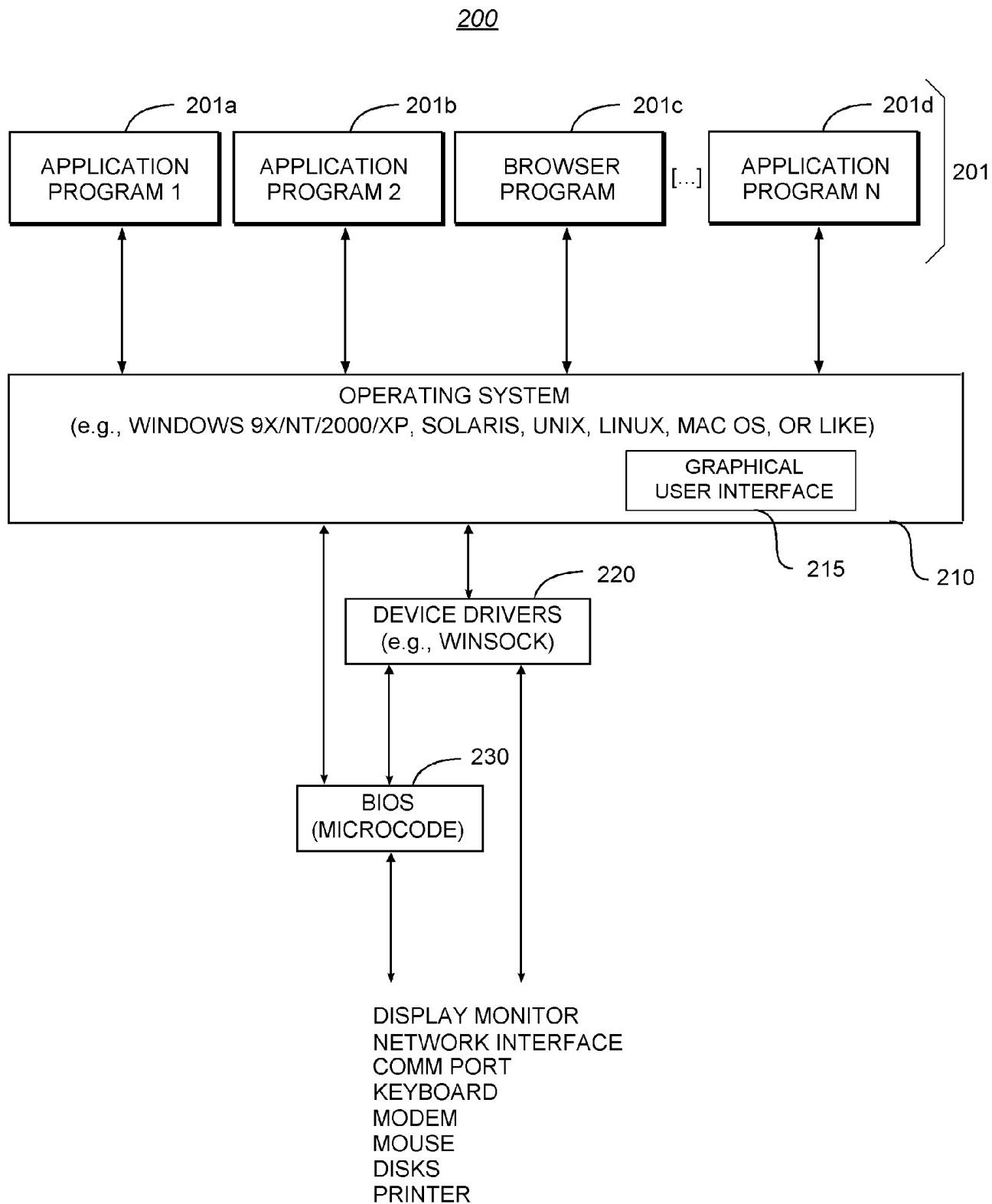
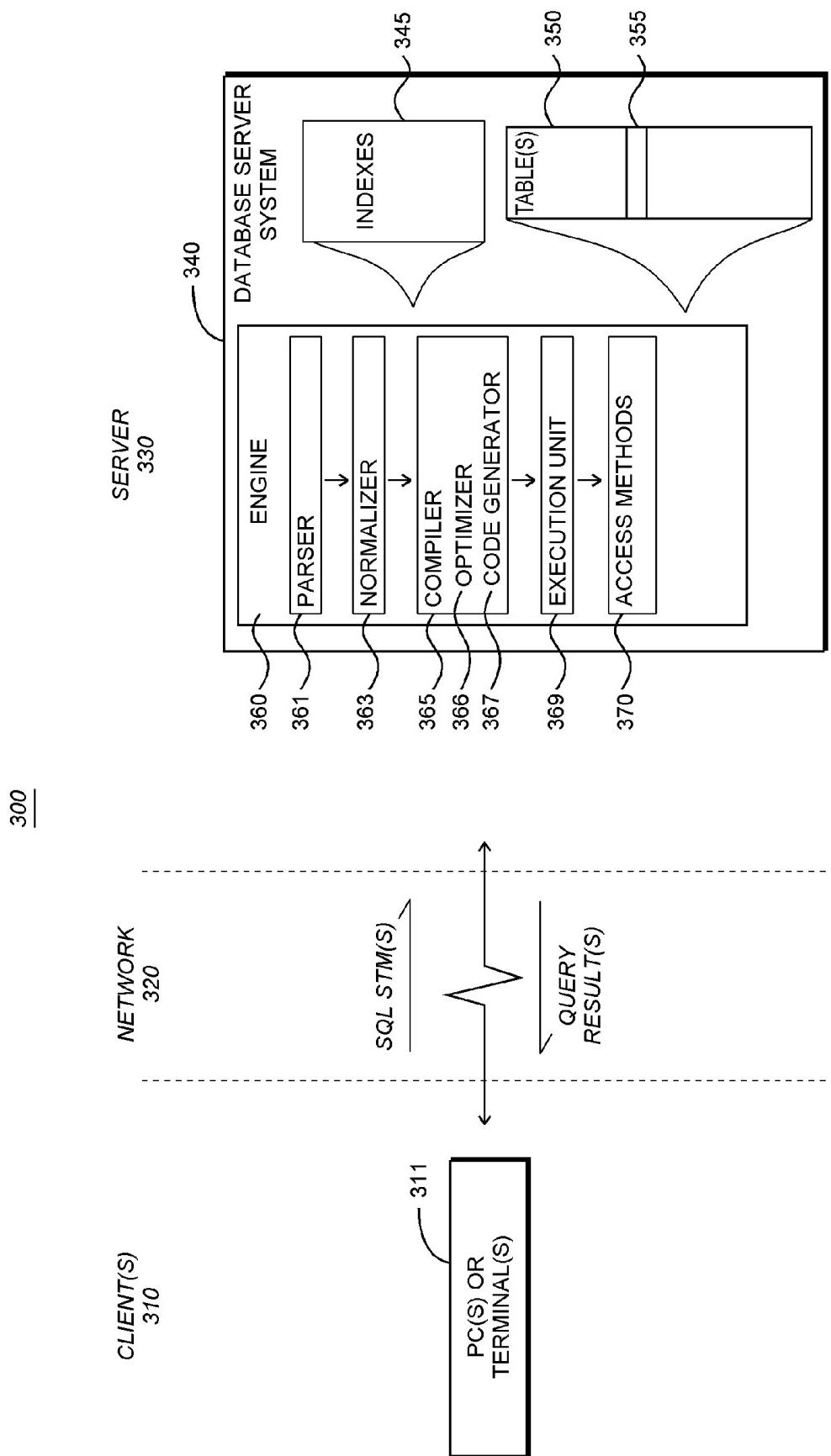
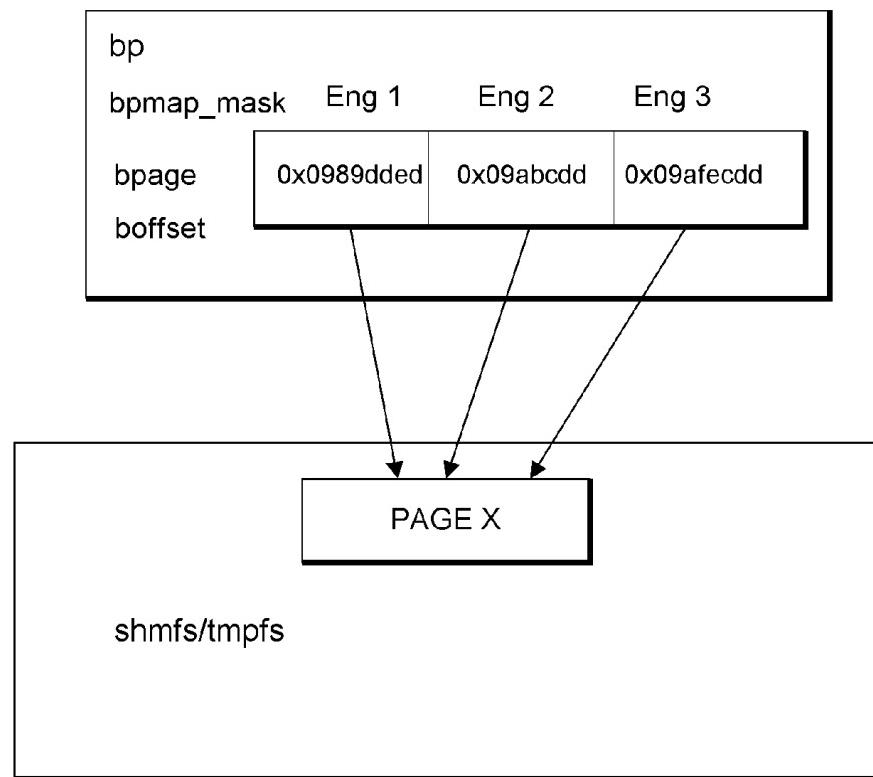


**FIG. 1**  
*(PRIOR ART)*

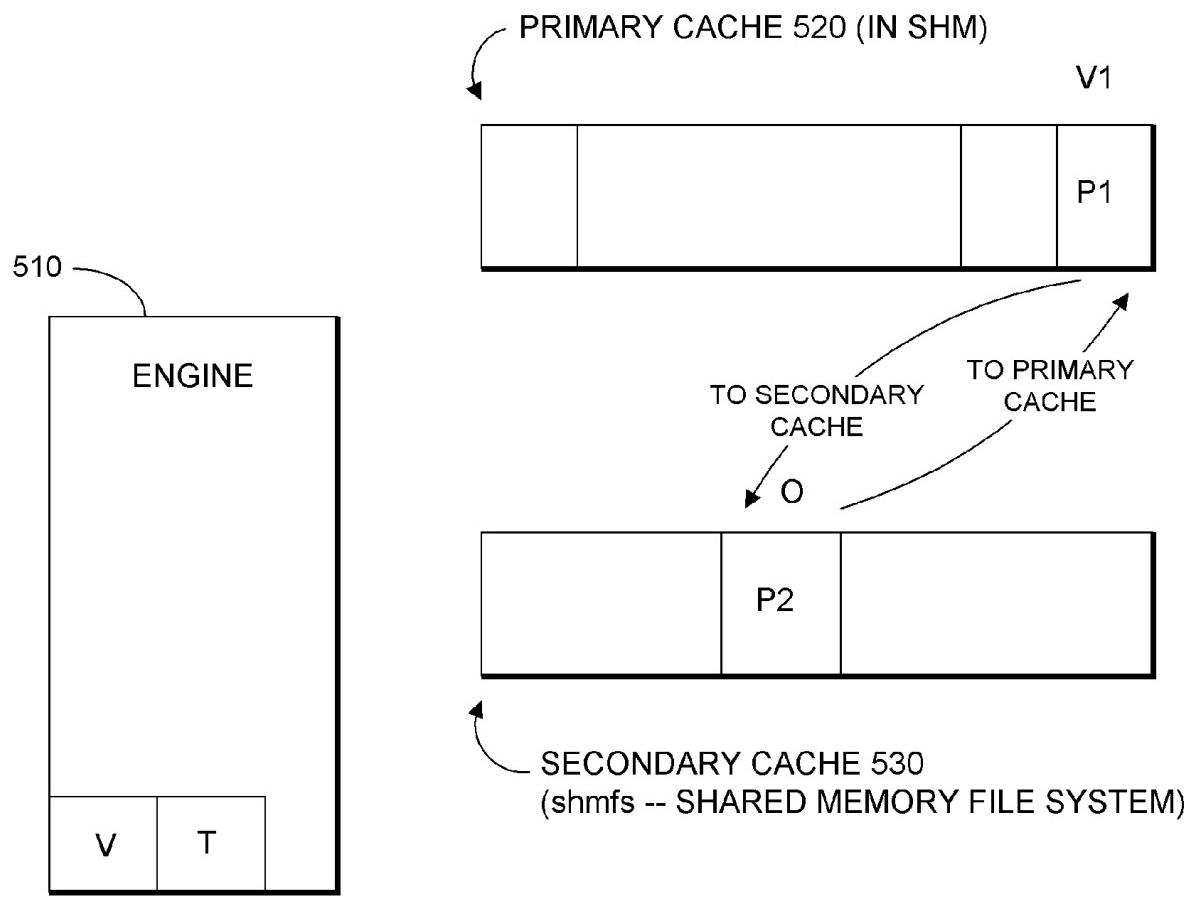


*FIG. 2*





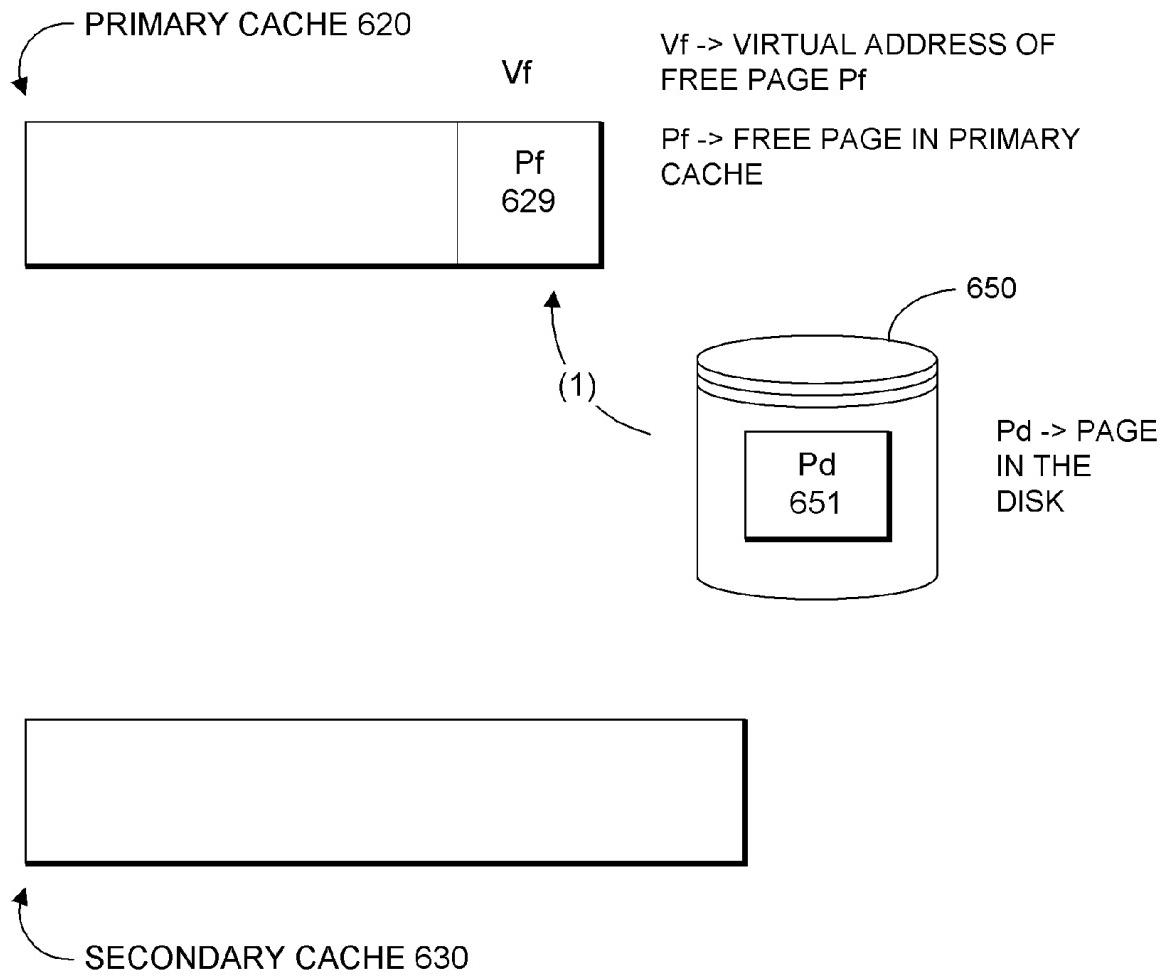
*FIG. 4*

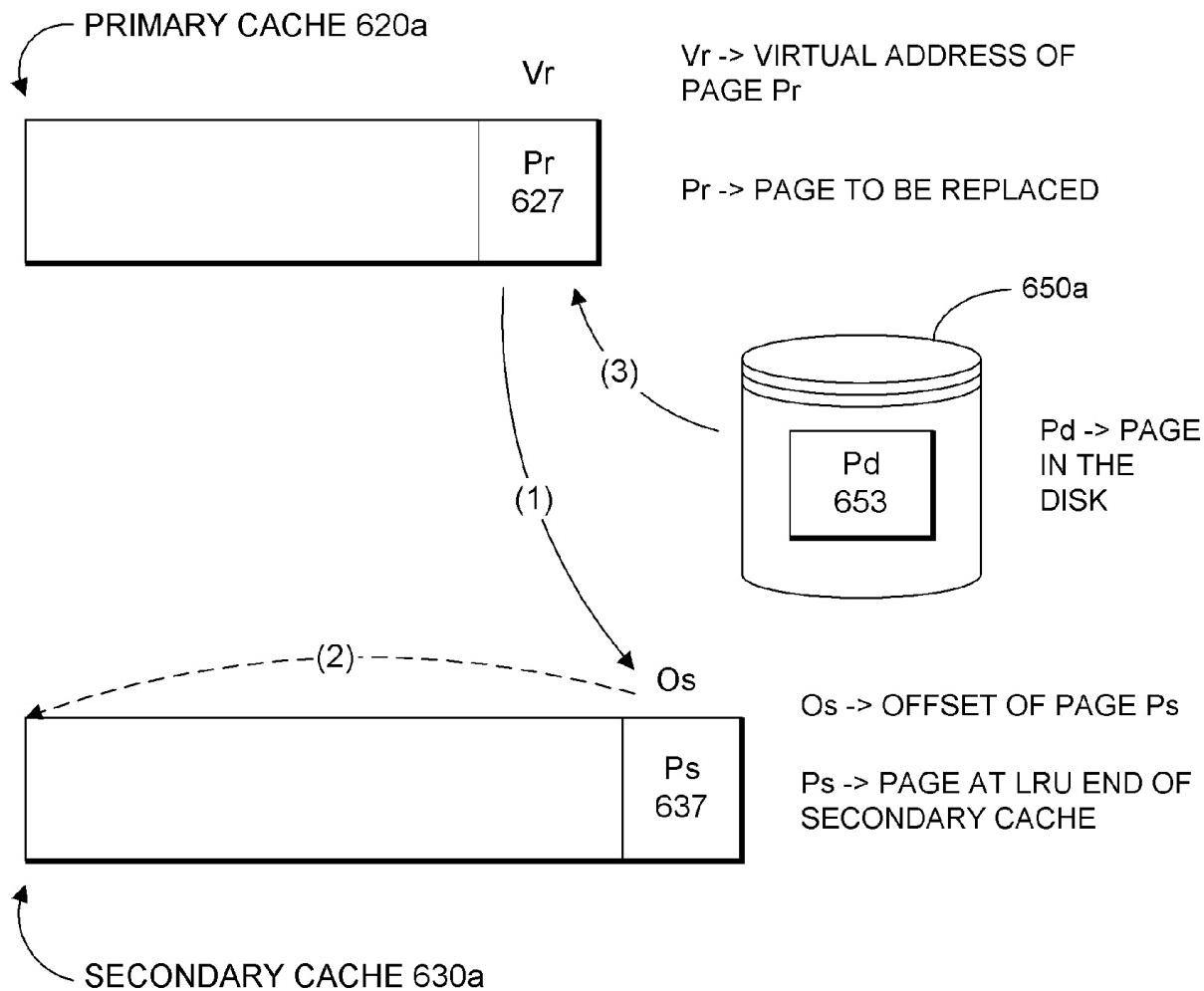


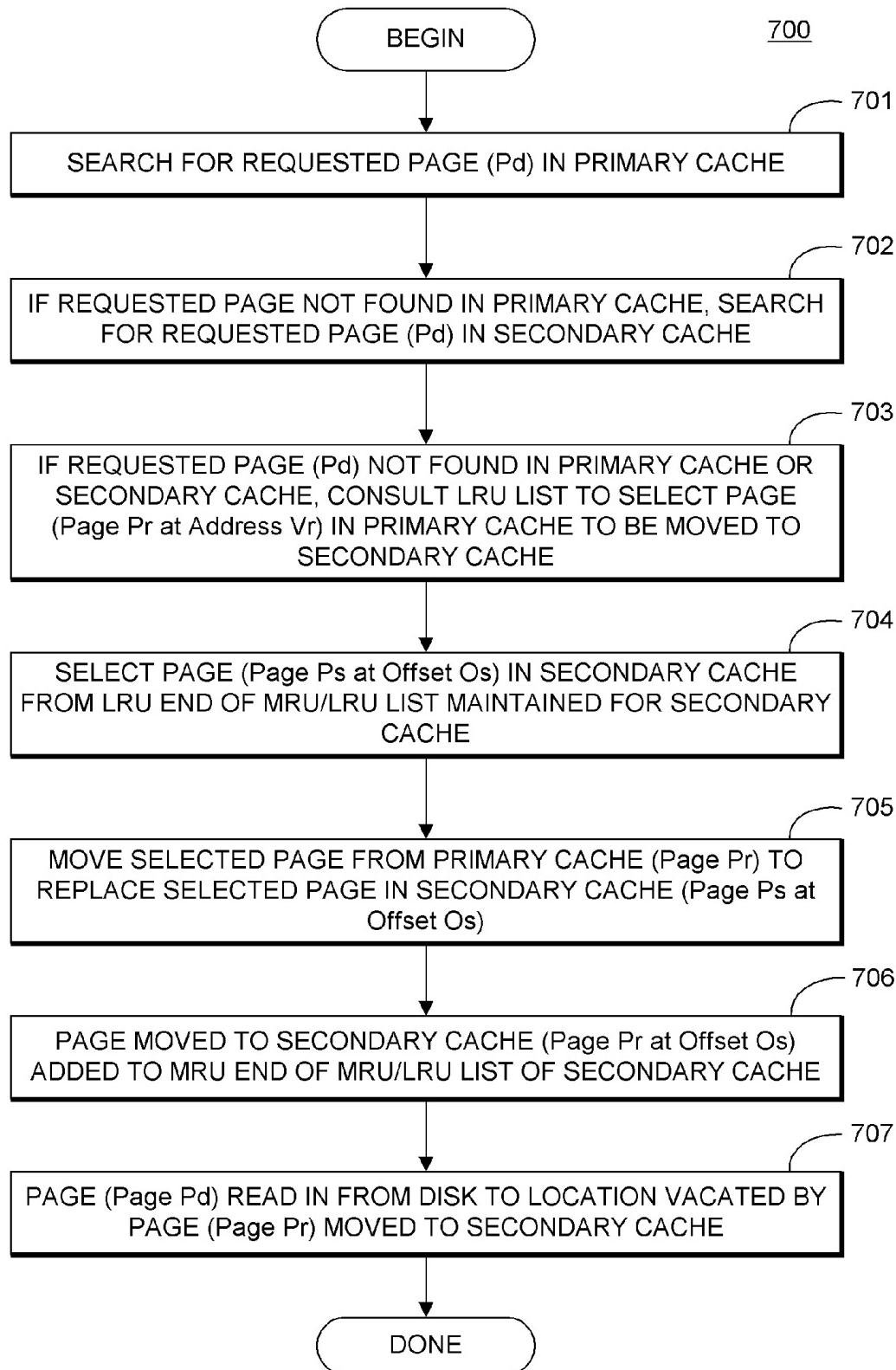
V -> FREE VIRTUAL ADDRESS OF 1 PAGE

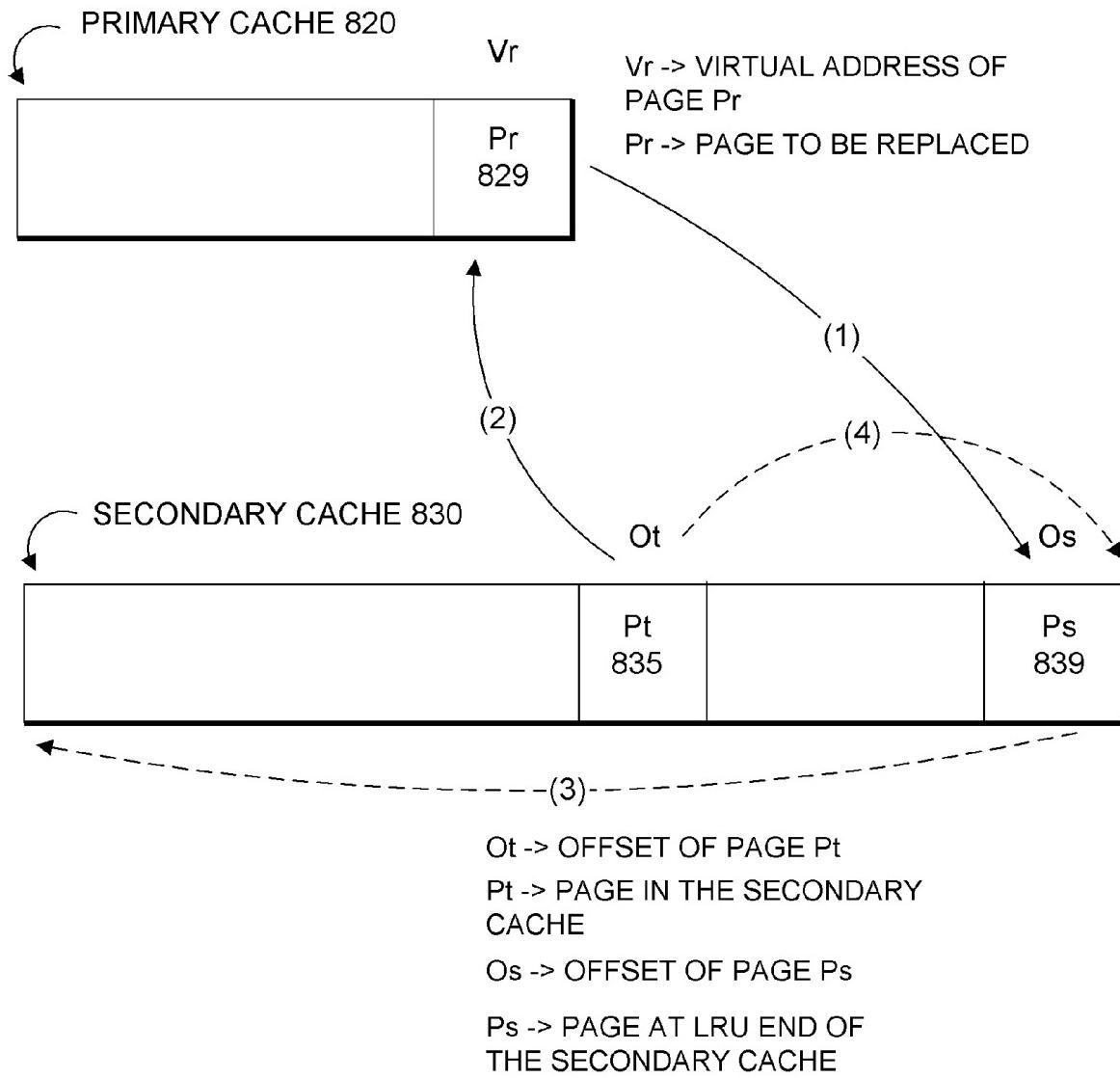
T -> TEMP PRIVATE MEMORY OF ENGINE 510  
OF SIZE 1 PAGE

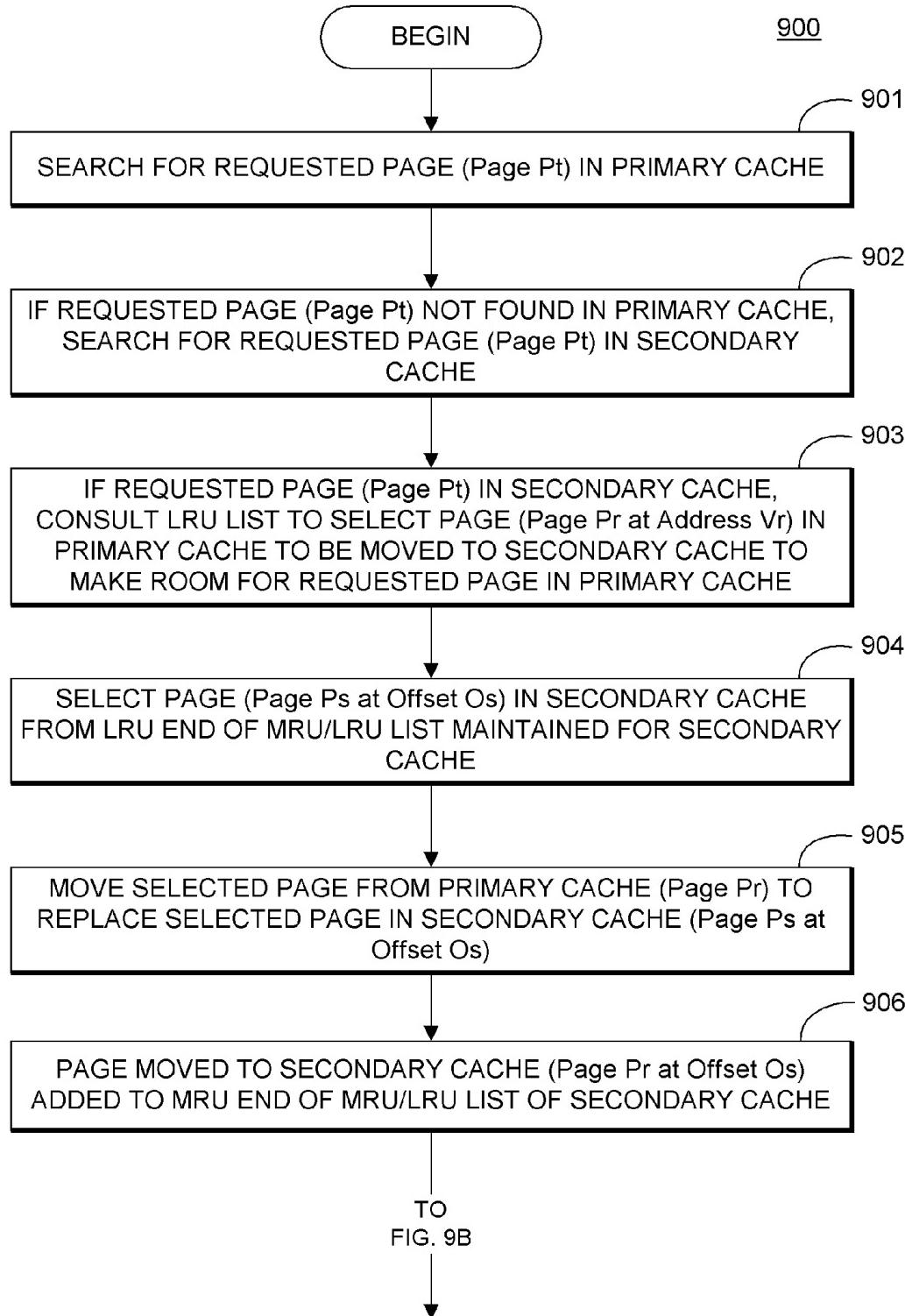
*FIG. 5*

**COLD READ FROM DISK****FIG. 6A**

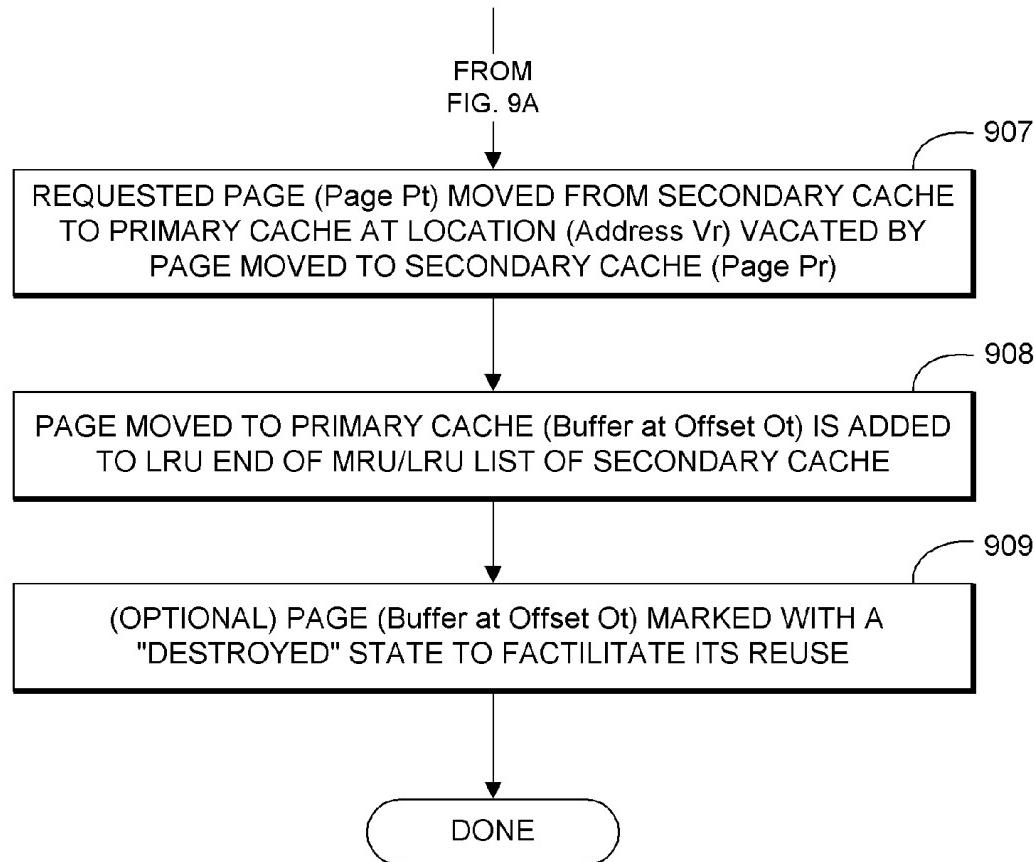
**WARM READ FROM DISK****FIG. 6B**

**FIG. 7**

**SECONDARY CACHE HIT***FIG. 8*

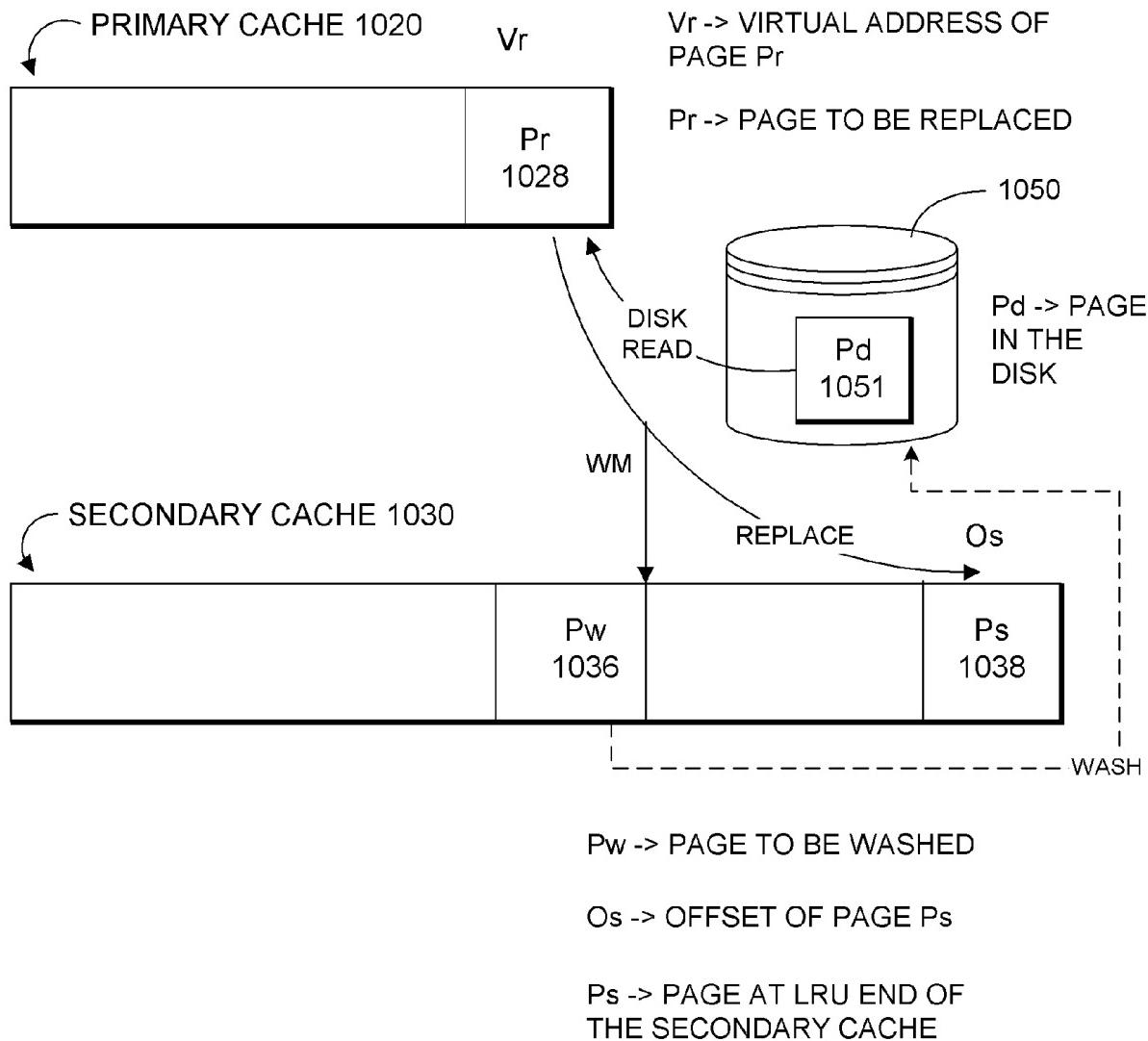


*FIG. 9A*

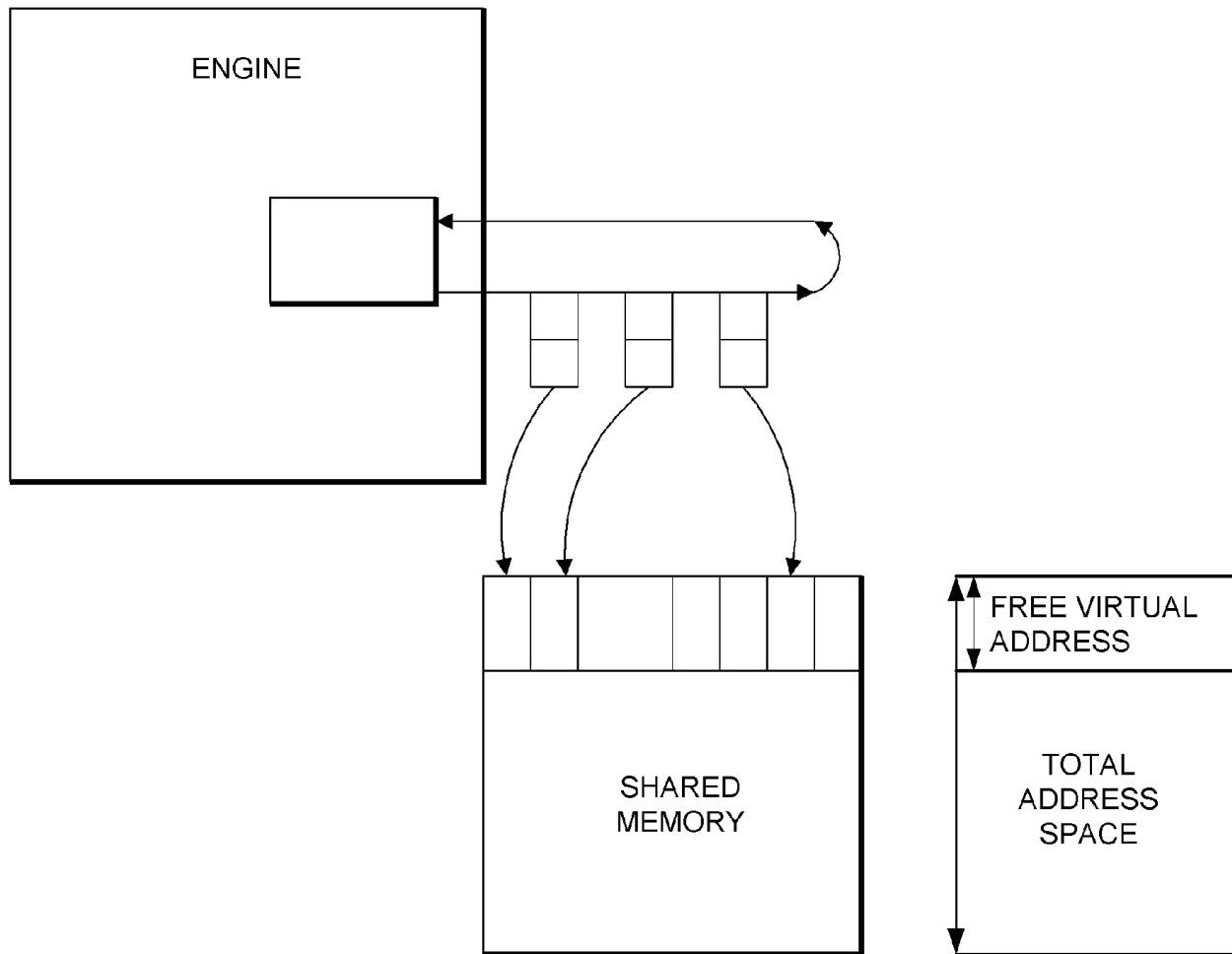


*FIG. 9B*

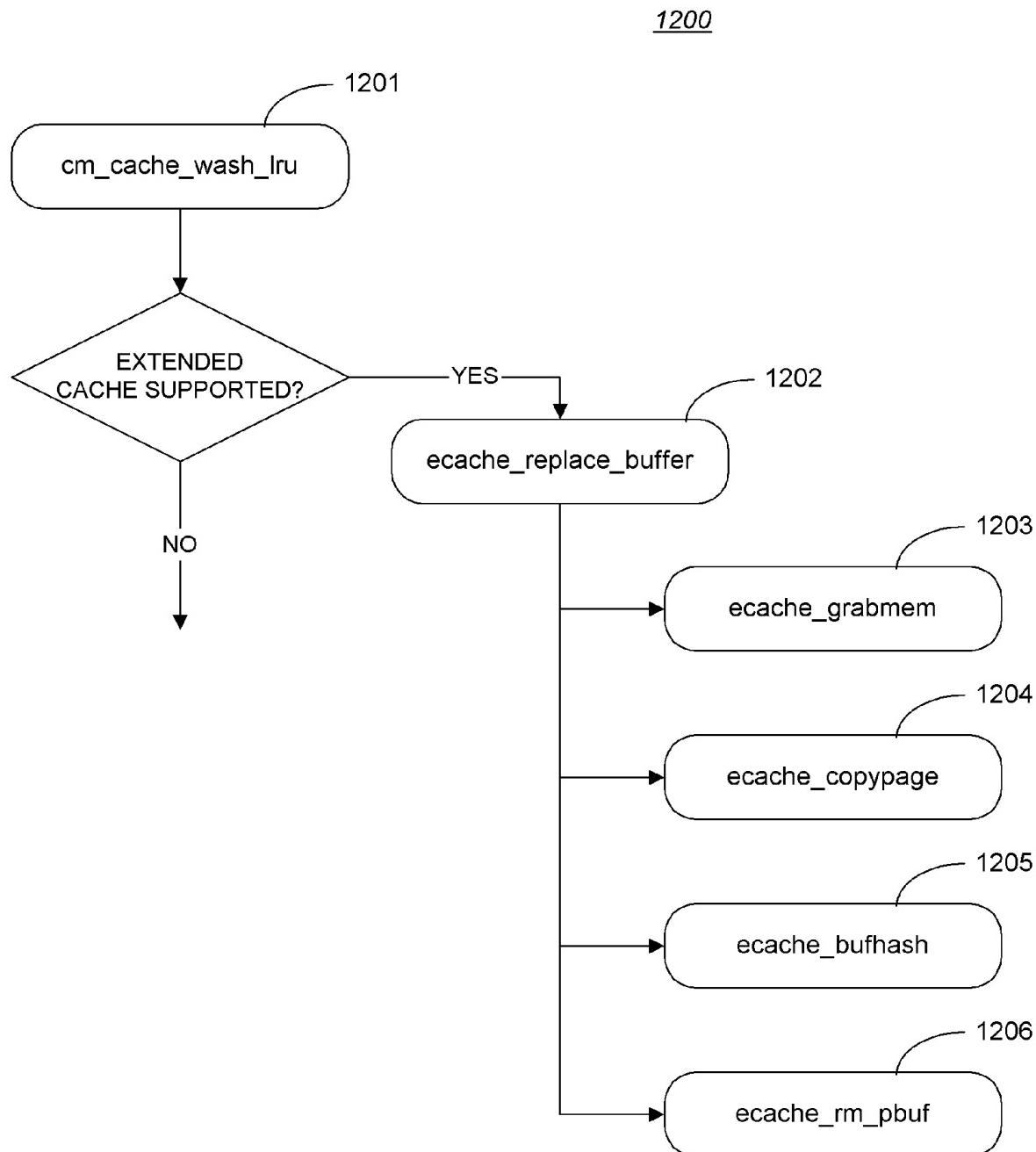
### WASH MECHANISM IN SECONDARY CACHE



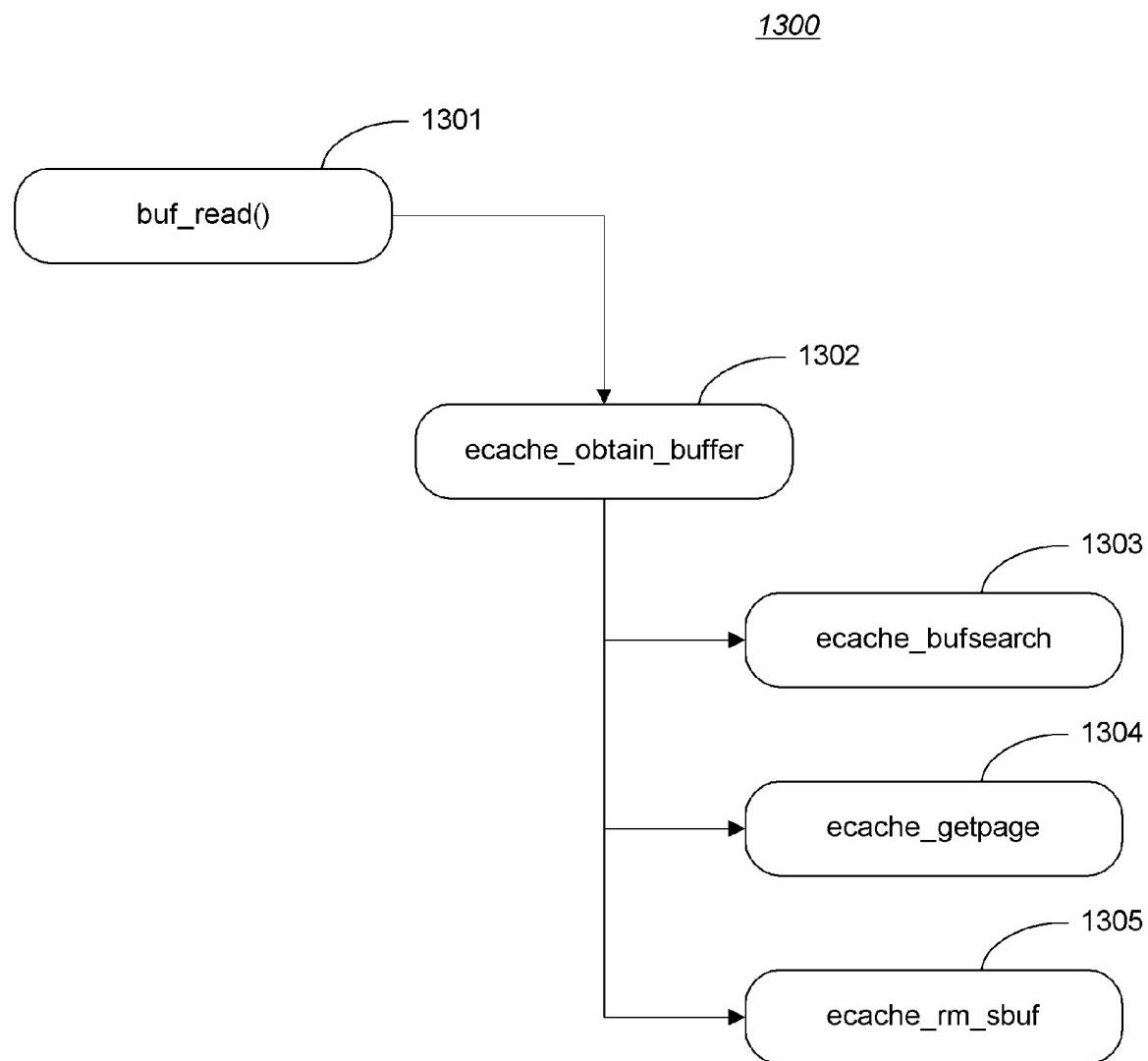
*FIG. 10*



*FIG. 11*



*FIG. 12*



*FIG. 13*